IMPORTANT SAFETY INSTRUCTIONS

Notice to Installers

The servicing instructions in this notice are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions, unless you are qualified to do so.

Note to System Installer

For this apparatus, the coaxial cable shield/screen shall be grounded as close as practical to the point of entry of the cable into the building. For products sold in the US and Canada, this reminder is provided to call the system installer's attention to Article 820-93 and Article 820-100 of the NEC (or Canadian Electrical Code Part 1), which provides guidelines for proper grounding of the coaxial cable shield.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

AVIS
RISQUE DE CHOC ÉLECTRIQUE
NE PAS OUVRIR

CAUTION: To reduce the risk of electric shock, do not remove cover (or back). No user-serviceable parts inside. Refer servicing to qualified service personnel.

WARNING
TO PREVENT FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.

This symbol is intended to alert you that uninsulated voltage within this product may have sufficient magnitude to cause electric shock. Therefore, it is dangerous to make any kind of contact with any inside part of this product.

Ce symbole a pour but d'alerter toute personne qu'un contact avec une pièce interne de ce produit, sous tension et non isolée, pourrait être suffisant pour provoquer un choc électrique. Il est donc dangereux d'être en contact avec toute pièce interne de ce produit.

This symbol is intended to alert you of the presence of important operating and maintenance (servicing) instructions in the literature accompanying this product.

Ce symbole a pour but de vous avertir qu'une documentation importante sur le fonctionnement et l'entretien accompagne ce produit.

20080814_Installer820

1) Read these instructions.
2) Keep these instructions.
3) Heed all warnings.
4) Follow all instructions.
5) Do not use this apparatus near water.
6) Clean only with dry cloth.
7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11) Only use attachments/accessories specified by the manufacturer.
12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13) Unplug this apparatus during lightning storms or when unused for long periods of time.
14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as a power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Power Source Warning

A label on this product indicates the correct power source for this product. Operate this product only from an electrical outlet with the voltage and frequency indicated on the product label. If you are uncertain of the type of power supply to your home or business, consult your service provider or your local power company.

The AC inlet on the unit must remain accessible and operable at all times.

Ground the Product

WARNING: Avoid electric shock and fire hazard! If this product connects to coaxial cable wiring, be sure the cable system is grounded (earthed). Grounding provides some protection against voltage surges and built-up static charges.

Protect the Product from Lightning

In addition to disconnecting the AC power from the wall outlet, disconnect the signal inputs.

Verify the Power Source from the On/Off Power Light

When the on/off power light is not illuminated, the apparatus may still be connected to the power source. The light may go out when the apparatus is turned off, regardless of whether it is still plugged into an AC power source.

Eliminate AC Mains Overloads

WARNING: Avoid electric shock and fire hazard! Do not overload AC mains, outlets, extension cords, or integral convenience receptacles. For products that require battery power or other power sources to operate them, refer to the operating instructions for those products.

Provide Ventilation and Select a Location

- Remove all packaging material before applying power to the product.
- Do not place this apparatus on a bed, sofa, rug, or similar surface.
- Do not place this apparatus on an unstable surface.
- Do not install this apparatus in an enclosure, such as a bookcase or rack, unless the installation provides proper ventilation.
- Do not place entertainment devices (such as VCRs or DVDs), lamps, books, vases with liquids, or other objects on top of this product.
- Do not block ventilation openings.

Protect from Exposure to Moisture and Foreign Objects

WARNING: Avoid electric shock and fire hazard! Do not expose this product to dripping or splashing liquids, rain, or moisture. Objects filled with liquids, such as vases, should not be placed on this apparatus.

WARNING: Avoid electric shock and fire hazard! Unplug this product before cleaning. Do not use a liquid cleaner or an aerosol cleaner. Do not use a magnetic/static cleaning device (dust remover) to clean this product.

WARNING: Avoid electric shock and fire hazard! Never push objects through the openings in this product. Foreign objects can cause electrical shorts that can result in electric shock or fire.

Service Warnings

WARNING: Avoid electric shock! Do not open the cover of this product. Opening or removing the cover may expose you to dangerous voltages. If you open the cover, your warranty will be void. This product contains no user-serviceable parts.

Check Product Safety

Upon completion of any service or repairs to this product, the service technician must perform safety checks to determine that this product is in proper operating condition.

Protect the Product When Moving It

Always disconnect the power source when moving the apparatus or connecting or disconnecting cables.

20090326_Modem No Battery_Safety

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CISCO™

Cisco Model DPQ2160 DOCSIS 2.0 Cable Modem

Introduction

Welcome to the exciting world of high-speed Internet access. Your new Cisco® Model DPQ2160 DOCSIS® 2.0 Cable Modem offers high-end performance and unsurpassed reliability. With your new DPQ2160, your Internet enjoyment and business productivity will surely soar.

What's In the Carton?

When you receive your cable modem, you should check the equipment and accessories to verify that each item is in the carton and that each item is undamaged. The carton contains the following items:

One Cisco Model DPQ2160 DOCSIS 2.0 Cable Modem

One AC Power Cord

One Ethernet (CAT/RJ-45) Cable

If any of these items are missing or appear to be damaged, please contact your service provider for assistance.

Notes:

- You will need an optional cable signal splitter and additional standard RF coaxial cables (not included) if you want to connect a VCR, a Digital Home Communications Terminal (DHCT) or a set-top converter, or a TV to the same cable connection as your cable modem.
- You will need an optional USB cable (not included) if you want to connect your cable modem to a USB port on your PC.

Front Panel

The front panel of your cable modem provides status LEDs that indicate how well and at what state your cable modem is operating. After the cable modem is successfully registered on the network, the POWER, DS, US, and ONLINE status indicators illuminate continuously to show that the cable modem is active and fully operational.
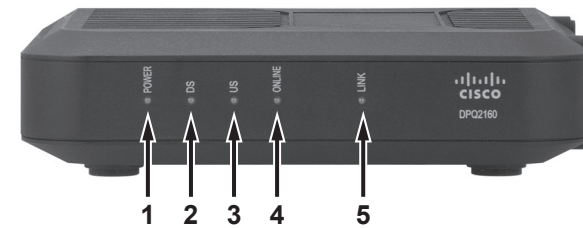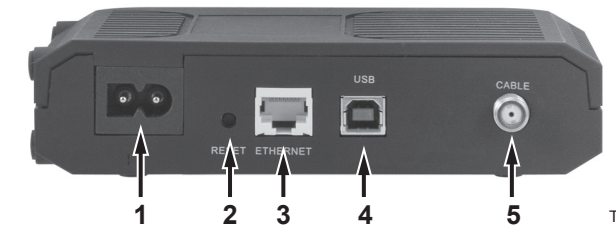
T14131

1 **POWER –** Illuminates solid green to indicate that AC power is being applied to the cable modem

2 **DS (Downstream) –** Indicates the status of the connection for receiving data. Illuminates during normal operation, and blinks to indicate that the cable modem is searching for a signal

3 **US (Upstream) –** Indicates the status of the connection for sending data. Illuminates during normal operation, and blinks to indicate that the cable modem is attempting to communicate with the network

4 **ONLINE –** Indicates the cable modem is registered on the network. Illuminates during normal operation, and blinks to indicate that the cable modem is attempting to get online

5 **LINK –** Illuminates solid green to indicate that an Ethernet/USB carrier is present and blinks to indicate that Ethernet/USB data is being transferred between the PC and the cable modem

Back Panel

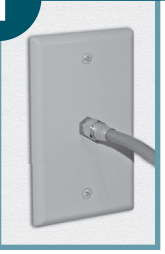The following illustration describes the back panel components of the DPQ2160 cable modem.

T14132

1 **POWER –** Connects the cable modem to the AC power cord that is provided with your cable modem

CAUTION: Avoid damage to your equipment. Only use the AC power cord that is provided with your cable modem.

2 **RESET –** Reset-to-Default button (Factory Reset)

Note: This button is for maintenance purposes only. Do not use unless told to do so by your service provider.

3 **ETHERNET –** Connects to the Ethernet port on your PC

4 **USB –** Connects to the USB 1.1 port on your PC

5 **CABLE –** Connects to an active cable signal from your service provider

Basic Installation

1

RF coaxial cable is not included   *Splitter is not included*

Cable In

2-Way Splitter

To Set-top   **To Modem**

Optional: Use a two-way splitter and RF coaxial cable to connect your active cable to both a set-top and the modem.

Verify that you have an active cable connection.

2

Connect the RF coaxial cable to the Cable port on the modem and connect the other end to the cable outlet in your home.

3

Insert the AC power cord into the Power input on the modem.
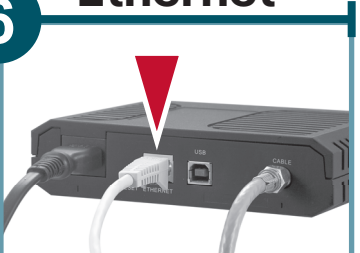
4

Plug the AC power cord into the wall.

5

USB

OR

Ethernet

Select either Ethernet or USB to connect to your PC.

Notes:
- An Ethernet cable is included with the cable modem.
- You will need an optional USB cable (not included) if you want to connect your cable modem to a USB port on your PC.

6 **Ethernet**

For Ethernet, insert the Ethernet cable into an Ethernet port on your PC and then into the Ethernet port on the modem.

USB cable is not included

6 **USB**

For USB, insert a USB cable (not included) into a USB port on your PC and then into the USB port on the modem.

Note: If your PC does not have the necessary USB driver, contact your service provider for assistance.

Wall Mounting

Follow these guidelines for mounting the modem on the wall:
- Select a location within 5 feet (1.6 m) of an electrical outlet.
- Check that the selected electrical outlet cannot be interrupted by a wall switch.
- Use the supplied cables to connect the modem to your PC.
- Leave sufficient clearance between the bottom of the modem and the floor or shelving.

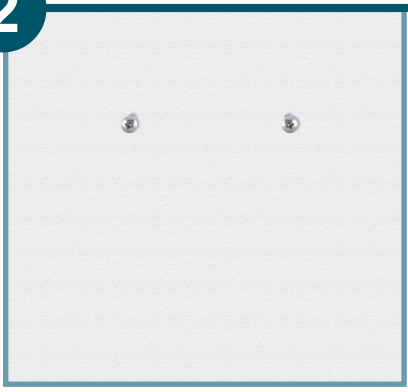**Note:** Mounting hardware and tools are not included.

Required for mounting on drywall (sheetrock):
- Two #6 screws
- Two 1/4-inch (6 mm) drywall anchors
- Drill with 1/4-inch (6 mm) bit

Required for mounting to plywood or studs:
- Two 1-inch (25 mm) wood screws with head diameter between 3/16-inch and 1/4-inch (4.5 mm and 6 mm)
- Drill with 1/8-inch (3 mm) bit

1

Use the template to position the modem and to drill holes for mounting it to the wall.

2

Use the appropriate screws for your wall material and remove the template.

3

Carefully position the modem onto the screws.

Cut along the dotted line or make a photocopy of this template and tape to wall.

Top

Left   **Right**

4 inches (102 mm)

DPQ2160 DOCSIS 2.0 Cable Modem Wall Mounting Template

Bottom